

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/422,548

TEAM 6

DATE: 07/11/95
TIME: 09:23:37

INPUT SET: S4668 (raw)

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

- 1
2
3 (1) General Information:
4
5 (i) APPLICANT: Eaton, Dan L.
6 DeSavage, Frederic J.
7
8 (ii) TITLE OF INVENTION: MPL LIGAND
9
10 (iii) NUMBER OF SEQUENCES: 32
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Genentech, Inc.
14 (B) STREET: 460 Point San Bruno Blvd
15 (C) CITY: South San Francisco
16 (D) STATE: California
17 (E) COUNTRY: USA
18 (F) ZIP: 94080
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: patin (Genentech)
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE: 13-APR-1995
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: 08/223263
33 (B) FILING DATE: 04-APR-1994
34
35 (vii) PRIOR APPLICATION DATA:
36 (A) APPLICATION NUMBER: 08/196689
37 (B) FILING DATE: 15-FEB-1994
38
39 (vii) PRIOR APPLICATION DATA:
40 (A) APPLICATION NUMBER: 08/185607
41 (B) FILING DATE: 21-JAN-1994
42
43 (vii) PRIOR APPLICATION DATA:
44 (A) APPLICATION NUMBER: 08/176553
45 (B) FILING DATE: 03-JAN-1994
46

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PATENT APPLICATION US/08/422,548DATE: 07/11/95
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47 (viii) ATTORNEY/AGENT INFORMATION:
48 (A) NAME: Winter, Daryl B.
49 (B) REGISTRATION NUMBER: 32,637
50 (C) REFERENCE/DOCKET NUMBER: 871P3D1
51
52 (ix) TELECOMMUNICATION INFORMATION:
53 (A) TELEPHONE: 415/225-1249
54 (B) TELEFAX: 415/952-9881
55 (C) TELEX: 910/371-7168
56
57 (2) INFORMATION FOR SEQ ID NO:1:
58
59 (i) SEQUENCE CHARACTERISTICS:
60 (A) LENGTH: 353 amino acids
61 (B) TYPE: amino acid
62 (D) TOPOLOGY: linear
63
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
65
66 Met Glu Leu Thr Glu Leu Leu Leu Val Val Met Leu Leu Leu Thr
67 1 5 10 15
68
69 Ala Arg Leu Thr Leu Ser Ser Pro Ala Pro Pro Ala Cys Asp Leu
70 20 25 30
71
72 Arg Val Leu Ser Lys Leu Leu Arg Asp Ser His Val Leu His Ser
73 35 40 45
74
75 Arg Leu Ser Gln Cys Pro Glu Val His Pro Leu Pro Thr Pro Val
76 50 55 60
77
78 Leu Leu Pro Ala Val Asp Phe Ser Leu Gly Glu Trp Lys Thr Gln
79 65 70 75
80
81 Met Glu Glu Thr Lys Ala Gln Asp Ile Leu Gly Ala Val Thr Leu
82 80 85 90
83
84 Leu Leu Glu Gly Val Met Ala Ala Arg Gly Gln Leu Gly Pro Thr
85 95 100 105
86
87 Cys Leu Ser Ser Leu Leu Gly Gln Leu Ser Gly Gln Val Arg Leu
88 110 115 120
89
90 Leu Leu Gly Ala Leu Gln Ser Leu Leu Gly Thr Gln Leu Pro Pro
91 125 130 135
92
93 Gln Gly Arg Thr Thr Ala His Lys Asp Pro Asn Ala Ile Phe Leu
94 140 145 150
95
96 Ser Phe Gln His Leu Leu Arg Gly Lys Val Arg Phe Leu Met Leu
97 155 160 165
98
99 Val Gly Gly Ser Thr Leu Cys Val Arg Arg Ala Pro Pro Thr Thr

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100		170		175		180
101						
102	Ala Val Pro Ser	Arg Thr Ser Leu Val	Leu Thr Leu Asn Glu Leu			
103		185		190		195
104						
105	Pro Asn Arg Thr	Ser Gly Leu Leu Glu Thr	Asn Phe Thr Ala Ser			
106		200		205		210
107						
108	Ala Arg Thr Thr	Gly Ser Gly Leu Leu Lys Trp Gln Gln Gly Phe				
109		215		220		225
110						
111	Arg Ala Lys Ile	Pro Gly Leu Leu Asn Gln Thr Ser Arg Ser Leu				
112		230		235		240
113						
114	Asp Gln Ile Pro	Gly Tyr Leu Asn Arg Ile His Glu Leu Leu Asn				
115		245		250		255
116						
117	Gly Thr Arg Gly	Leu Phe Pro Gly Pro Ser Arg Arg Thr Leu Gly				
118		260		265		270
119						
120	Ala Pro Asp Ile	Ser Ser Gly Thr Ser Asp Thr Gly Ser Leu Pro				
121		275		280		285
122						
123	Pro Asn Leu Gln	Pro Gly Tyr Ser Pro Ser Pro Thr His Pro Pro				
124		290		295		300
125						
126	Thr Gly Gln Tyr	Thr Leu Phe Pro Leu Pro Pro Thr Leu Pro Thr				
127		305		310		315
128						
129	Pro Val Val Gln	Leu His Pro Leu Leu Pro Asp Pro Ser Ala Pro				
130		320		325		330
131						
132	Thr Pro Thr Pro	Thr Ser Pro Leu Leu Asn Thr Ser Tyr Thr His				
133		335		340		345
134						
135	Ser Gln Asn Leu	Ser Gln Glu Gly				
136		350		353		
137						

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1795 bases
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

147
148
149 TCTTCCTACC CATCTGCTCC CCAGAGGGCT GCCTGCTGTG CACTTGGGTC 50
150
151
152 CTGGAGCCCT TCTCCACCCG GATAGATTCC TCACCCTTGG CCCGCCTTTG 100

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153
154
155 CCCCACCCTA CTCTGCCCAG AAGTGCAAGA GCCTAAGCCG CCTCCATGGC 150
156
157
158 CCCAGGAAGG ATTCAGGGGA GAGGCCCCAA ACAGGGAGCC ACGCCAGCCA 200
159
160
161 GACACCCCGG CCAGAATGGA GCTGACTGAA TTGCTCCTCG TGGTCATGCT 250
162
163
164 TCTCCTAACT GCAAGGCTAA CGCTGTCCAG CCCGGCTCCT CCTGCTTGTG 300
165
166
167 ACCTCCGAGT CCTCAGTAAA CTGCTTCGTG ACTCCCATGT CCTTCACAGC 350
168
169
170 AGACTGAGCC AGTGCCCAGA GGTTACCCCT TTGCCTACAC CTGTCCTGCT 400
171
172
173 GCCTGCTGTG GACTTTAGCT TGGGAGAATG GAAAACCCAG ATGGAGGAGA 450
174
175
176 CCAAGGCACA GGACATTCTG GGAGCAGTGA CCCTTCTGCT GGAGGGAGTG 500
177
178
179 ATGGCAGCAC GGGGACAACT GGGACCCACT TGCCTCTCAT CCCTCCTGGG 550
180
181
182 GCAGCTTTCT GGACAGGTCC GTCTCCTCCT TGGGGCCCTG CAGAGCCTCC 600
183
184
185 TTGGAACCCA GCTTCCTCCA CAGGGCAGGA CCACAGCTCA CAAGGATCCC 650
186
187
188 AATGCCATCT TCCTGAGCTT CCAACACCTG CTCCGAGGAA AGGTGCGTTT 700
189
190
191 CCTGATGCTT GTAGGAGGGT CCACCCTCTG CGTCAGGCGG GCCCCACCCA 750
192
193
194 CCACAGCTGT CCCCAGCAGA ACCTCTCTAG TCCTCACACT GAACGAGCTC 800
195
196
197 CCAAACAGGA CTTCTGGATT GTTGGAGACA AACTTCACTG CCTCAGCCAG 850
198
199
200 AACTACTGGC TCTGGGCTTC TGAAGTGGCA GCAGGGATTC AGAGCCAAGA 900
201
202
203 TTCTTGGTCT GCTGAACCAA ACCTCCAGGT CCCTGGACCA AATCCCCGGA 950
204
205

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206 TACCTGAACA GGATACACGA ACTCTTGAAT GGAACCTCGTG GACTCTTTCC 1000
207
208
209 TGGACCCCTCA CGCAGGACCC TAGGAGCCCC GGACATTTCC TCAGGAACAT 1050
210
211
212 CAGACACAGG CTCCCTGCCA CCCAACCTCC AGCCTGGATA TTCTCCTTCC 1100
213
214
215 CCAACCCATC CTCCTACTGG ACAGTATACG CTCTTCCCTC TTCCACCCAC 1150
216
217
218 CTTGCCCACC CCTGTGGTCC AGCTCCACCC CCTGCTTCCT GACCCCTTCTG 1200
219
220
221 CTCCAACGCC CACCCCTACC AGCCCTCTTC TAAACACATC CTACACCCAC 1250
222
223
224 TCCCAGAATC TGTCTCAGGA AGGGTAAGGT TCTCAGACAC TGCCGACATC 1300
225
226
227 AGCATTGTCT CATGTACAGC TCCCTTCCCT GCAGGGCGCC CCTGGGAGAC 1350
228
229
230 AACTGGACAA GATTTCTTAC TTTCTCCTGA AACCCAAAGC CCTGGTAAAA 1400
231
232
233 GGGATACACA GGACTGAAAA GGAATCATT TTTCCTGTA CATTATAAAC 1450
234
235
236 CTTCAGAAGC TATTTTTTTA AGCTATCAGC AATACTCATC AGAGCAGCTA 1500
237
238
239 GCTCTTTGGT CTATTTTCTG CAGAAATTTG CAACTCACTG ATTCTCTACA 1550
240
241
242 TGCTCTTTTT CTGTGATAAC TCTGCAAAGG CCTGGGCTGG CCTGGCAGTT 1600
243
244
245 GAACAGAGGG AGAGACTAAC CTTGAGTCAG AAAACAGAGA AAGGGTAATT 1650
246
247
248 TCCTTTGCTT CAAATTCAAG GCCTTCCAAC GCCCCATCC CCTTTACTAT 1700
249
250
251 CATTCTCAGT GGGACTCTGA TCCCATATTC TTAACAGATC TTTACTCTTG 1750
252
253
254 AGAAATGAAT AAGCTTTCTC TCAGAAAAAA AAAAAAAAAA AAAAA 1795
255
256
257
258 (2) INFORMATION FOR SEQ ID NO:3:

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SEQUENCE VERIFICATION REPORT
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Error

Original Text